

Message Text

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FOR HUNT FROM PENDLETON

E.O. 11652: N/A

TAGS: OGEN

SUBJECT: ESY FIRE PREVENTION AND PROTECTION REPORT

REF: STATE 204124

1. AS NOTED IN REFTTEL, ESY HAS SUBMITTED TO SSM A DETAILED REPORT ON FIRE PREVENTION AND PROTECTION AT SFM, A COPY OF WHICH SFM SHOULD HAVE SHORTLY. THE CONTRACTS AND ENGINEERING STAFF MET ON AUGUST 11, 1978 WITH WOLFE AND VEAK FROM GREENVILLE TO REVIEW THIS REPORT IN DETAIL. THIS WILL PROVIDE YOU A SUMMARY OF OUR DISCUSSIONS THUS FAR ON THIS SUBJECT SO THAT (A) SFM WILL HAVE A BETTER UNDERSTANDING OF SSM VIEWS AND (B) SFM WILL BE ABLE TO WORK WITH US IN ESTABLISHING REASONABLE AND EFFECTIVE FIRE PREVENTION AND PROTECTION POLICIES.

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2. IN GENERAL, WE FEEL ESY HAS DONE A GOOD REPORT THUS FAR. SOME ADDITIONAL ALTERNATIVES TO THEIR RECOMMENDATIONS NEED TO BE CONSIDERED, MORE DETAIL IS NEEDED REGARDING SOME RECOMMENDATIONS, AND ESTIMATES OF COST ARE REQUIRED FOR MANY OF THEM BEFORE A DECISION CAN BE TAKEN.

3. THE INDIVIDUAL RECOMMENDATIONS, WHICH BEGIN ON P. 59 OF THE REPORT, WILL BE DISCUSSED BELOW IN SUMMARY FORM, IN THE NUMBERED SEQUENCE IN WHICH THEY APPEAR IN THE REPORT:

A. 5.1.1 PERSONNEL TRAINING AND PROFICIENCY TESTING.

WE (SFM/SSM) NEED TO SEE IN MORE DEPTH THE TYPE, LOCATION AND DURATION OF TRAINING CONTEMPLATED, AS WELL AS THE MIX OF FORMAL VS. ON-THE-JOB TRAINING. AS ANTICIPATED, ALMOST THE FIRST MENTION OF PERSONNEL RAISED THE ENTIRE ISSUE OF SECURITY/FIRE GUARDS, VOLUNTEER FIREFIGHTERS, AND ALL THE ASSOCIATED ISSUES WHICH HAVE BEEN DISCUSSED BY ALL OF US FOR SOME TIME. WE ADVISED ESY THAT PERSONNEL DISCUSSIONS WERE PREMATURE AT THIS POINT, NOTING SFM COMMENTS WERE FIRST NECESSARY, LACK OF AN OVERALL FIREFIGHTING AND PREVENTION PLAN AGAINST WHICH TO ASSESS PERSONNEL REQUIREMENTS, AND THE INCOMPLETE STATUS OF ACTIONS ON SECURITY RECOMMENDATIONS. WE THEREFORE AGREED TO DEFER PERSONNEL DISCUSSIONS UNTIL A MORE DEFINITIVE FIRE PROTECTION PLAN IS AVAILABLE, AND UNTIL FURTHER AGREEMENTS ARE REACHED BY ALL ON SECURITY. AS TO TRAINING, THE PRESENT ESY VIEW IS THAT THE LEAD FIREMEN SHALL GET FORMAL FIREFIGHTING TRAINING HERE BEFORE ARRIVING AT SFM, AFTER WHICH HE WOULD TRAIN AN ON-SITE FIREMAN. SUBJECT TO OUR FURTHER DISCUSSIONS, THIS MAY BE AN ACCEPTABLE APPROACH.

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B. 5.1.2 EXPANSION OF CENTRAL FIRE ALARM SYSTEM. THIS WOULD BASICALLY INCORPORATE THE KELLY KLOSURE BUILDINGS INTO THE FIRE ALARM SYSTEM. WE ASKED ESY FOR AN ESTIMATE OF THE COST AND COMPLEXITY OF THIS IDEA, WHILE AGREEING IT WAS PROBABLY NECESSARY.

C. 5.1.3 INSULATION REPLACEMENT. THE INSURANCE COMPANY CONSULTANT TO ESY IN THIS STUDY (SEE REPORT APPENDIX I) TOOK A STRONG VIEW THAT WITH THE PRESENT INSULATION IN THE FIBERGLASS PANEL BUILDINGS, THERE WOULD BE VIRTUALLY NO WAY TO CONTAIN A FIRE THEREIN. A NUMBER OF ALTERNATIVES WERE CONSIDERED, SUCH AS BLOWN-IN INSULATION TO FILL DEAD SPACE, WITH THE RESULTING RECOMMENDATION TO USE THERMAX TF 610 PANELS. WE HAVE ASKED FOR COST AND LABOR ESTIMATES FOR THIS EFFORT.

D. 5.1.4 WATER RESERVOIR. THE WAY THIS RECOMMENDATION IS WORDED IS MISLEADING. ACTUALLY, ESY HAS IN MIND DAMMING UP THE SOUTH WADI DOWN BY THE BUNKER TO CATCH THE R.O. SYSTEM RUNOFF, PUMPING IT BACK UP THE HILL. WE HAVE ASKED ESY TO CONSIDER TWO OTHER APPROACHES; USE OF

THE EFFLUENT POND FOR THIS PURPOSE IN A SYSTEM DEDICATED

TO THE FIBERGLASS BUILDINGS, AND CONSTRUCTING A SEPARATE POND TO CATCH THE R.O. REJECT WATER ON TOP OF THE HILL, NEAR THE PIT THAT HANDLES THE RUNOFF FROM THE VEHICLE WASH AREA. BOTH OF THESE APPROACHES WOULD REQUIRE SIMPLER PLUMBING TO IMPLEMENT AND BE MORE ACCESSIBLE FOR MAINTENANCE.

E. 5.1.5 CENTRIFUGAL FIRE PUMP AND DISTRIBUTION SYSTEM. DISCUSSIONS HAVE FOCUSED ON A PUMP AND DISTRIBUTION SYSTEM DEDICATED TO THE FIBERGLASS BUILDINGS, AS THE FIRE THREAT IS FAR GREATER THERE. THE EXISTING HYDRANTS, EXTINGUISHERS, AND HOSE CARTS PROBABLY WOULD BE ADEQUATE LIMITED OFFICIAL USE

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TO CONTAIN A FIRE IN THE MODULAR STRUCTURES, EXCEPT THE KITCHEN WHICH IS THE SUBJECT OF ANOTHER RECOMMENDATION. BECAUSE OF OUR REQUEST TO ESY THAT THEY CONSIDER ALTERNATE RESERVOIR SITES, DETAILED TALKS ON THE PUMP AND DISTRIBUTION SYSTEM WERE DEFERRED. CLEARLY, WE WILL NEED COST DATA AND LABOR ESTIMATES BEFORE WE MOVE MUCH FURTHER HERE.

F. 5.1.6 HOSE REPLACEMENT. WE HAVE AGREED THAT ESY SHOULD ACQUIRE THE 2 AND ONE-HALF INCH HOSE, BUT SUGGESTED THEY KEEP THE ONE AND ONE-HALF INCH HOSE FOR USE IN THE MODULAR STRUCTURES AREA, WHERE LESS CAPACITY WILL LIKELY BE NEEDED. ALSO, WE SUGGESTED ESY CONSIDER LEAVING THE HOSES CONNECTED TO THE TWO PROPOSED HYDRANTS IN THE WAREHOUSE AREA, IN LIEU OF PURCHASING TWO NEW CARTS. THEY SHOULD THEN ASSESS WHETHER THE ONE EXISTING CART IS ADEQUATE TO COVER THE REST OF THE BASE. THIS MAY REDUCE THE NEED FOR STAGING OF THE CARTS AT VARIOUS LOCATIONS AND THE ERECTING OF MORE FIBERGLASS ENCLOSURES.

G. 5.1.7 AUTOMATIC DRY CHEMICAL SYSTEM. WE HAVE AGREED IN PRINCIPLE THAT SOMETHING LIKE THIS SYSTEM IS NECESSARY FOR THE KITCHEN, BUT HAVE ASKED FOR MORE DETAILS, INCLUDING COST. ALSO, WE TOLD ESY TO GO AHEAD NOW WITH THE STEAM CLEANING OF THE VENTILATION HOOD FILTERS.

H. 5.1.8 UPGRADING AND EXPANDING OF FIRE EXTINGUISHERS. ESSENTIALLY, THESE PROPOSALS FOLLOW THE RECOMMENDATION OF THE FIRE CONSULTANT AND ARE ACCEPTABLE. WE ADVISED ESY THAT REALLOCATION OF SMALLER UNITS BEING REPLACED ... TO VEHICLE OR OTHER USE ... SHOULD BE DETERMINED BY SFM.

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I. 5.1.9 NEW FIRE HYDRANTS. WE HAVE AGREED TO THE
INSTALLATION OF THE NEW HYDRANTS.

J. 5.1.10 RELOCATION OF FIRE ALARM CONTROL PANEL. WE

ASKED ESY TO DEFER THIS ACTION UNTIL (A) IT CAN BE DETER-
MINED HOW DIFFICULT THE JOB WILL BE, AND (B) A MASTER
PLAN IS AVAILABLE WHICH DESCRIBES THE COMMAND AND CONTROL
PROCEDURES AND MECHANISMS FOR FIREFIGHTING.

4. SOME OF THE FOREGOING ITEMS, ONCE A FINAL DECISION
IS MADE, WILL BE LABOR-INTENSIVE. WOLFE TELLS US THAT
KAPPLE FEELS HE IS CURRENTLY STRAPPED FOR PEOPLE, PAR-
TICULARLY IN VIEW OF THE EFFORTS TO PREPARE FOR THE ANTIC-
IPATED VISIT BY THE SECRETARY. WHEN THE TIME TO IMPLEMENT
THIS EFFORT ARRIVES, WE ANTICIPATE A TDY TEAM PROPOSAL
FROM ESY TO DO THE VARIOUS TASKS. WE WOULD MUCH APPRE-
CIATE YOUR COMMENTS ON THE FIRE PROTECTION REPORT, ANY
GUIDANCE YOU CAN PROVIDE ON OUR FURTHER IMPLEMENTATION,
AND YOUR VIEWS ON THE NEED FOR, AND ESTIMATED SIZE OF,
ANY PROPOSED TDY GROUP LATER ON. FROM THIS END, WE WILL
KEEP YOU POSTED AS REVISIONS TO THE REPORT ARE FORTH-
COMING FROM GREENVILLE. CHRISTOPHER

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